

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106749.D
 Acq On : 23 Jun 2018 9:57
 Operator : JU/SJ
 Sample : J3648-01 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Quant Time: Jun 25 03:42:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	40575	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	142145	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59938	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	117911	20.00	ng	0.00
75) Chrysene-d12	14.15	240	136303	20.00	ng	0.00
86) Perylene-d12	15.69	264	98639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	17834	7.44	ng	0.00
7) Phenol-d6	6.60	99	21481	7.18	ng	0.00
23) Nitrobenzene-d5	7.52	82	12592	4.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	4405	6.34	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	26807	-8.69	ng	-0.01
78) Terphenyl-d14	13.07	244	35811	6.36	ng	-0.01

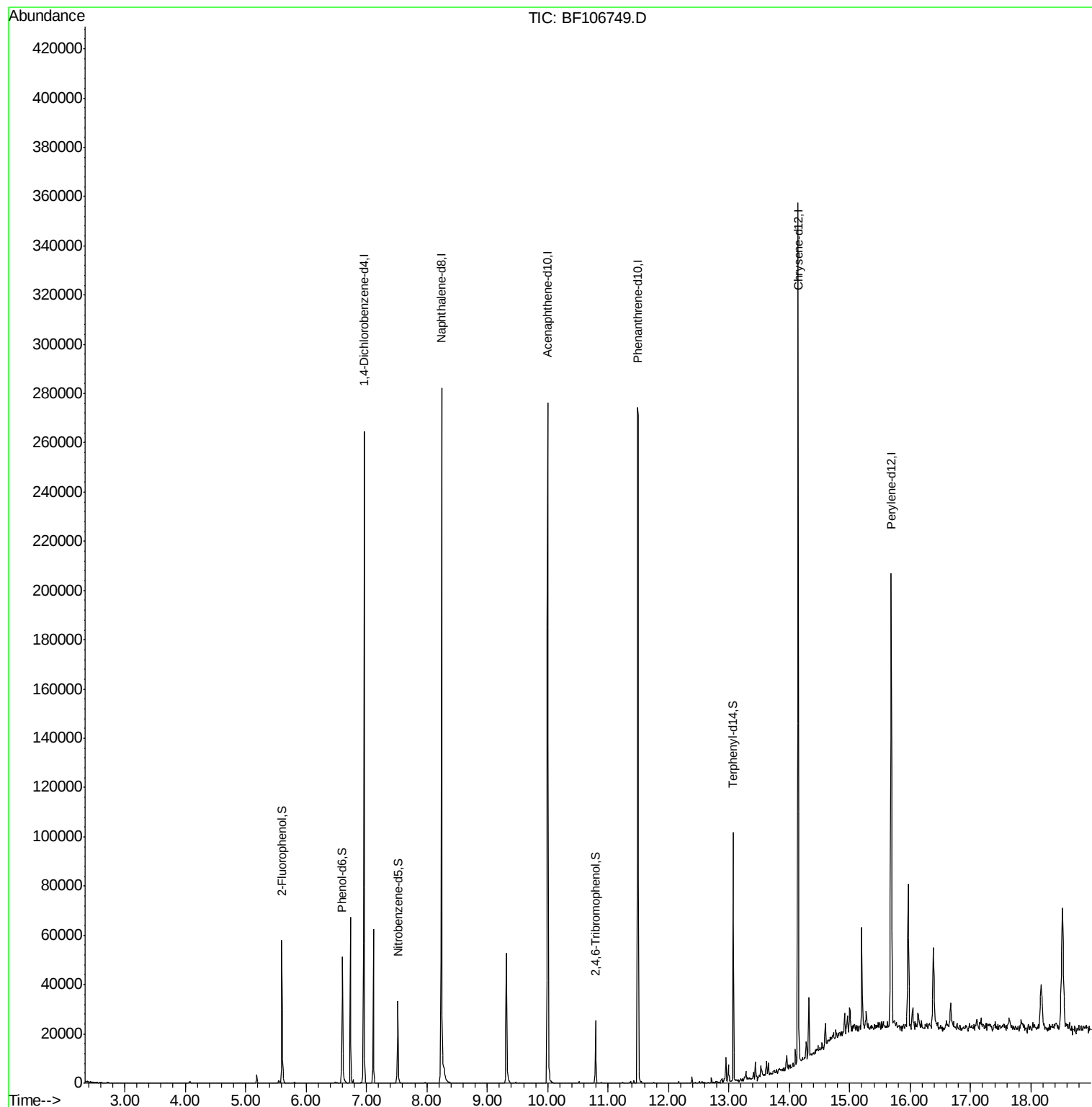
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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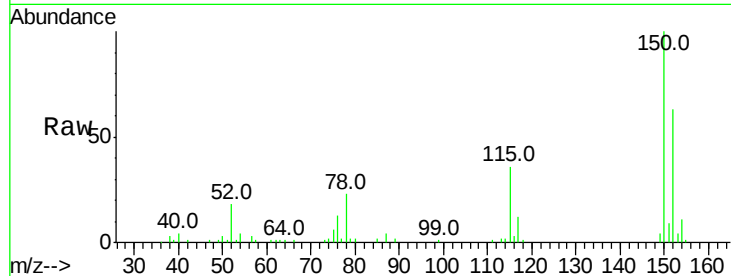


#1

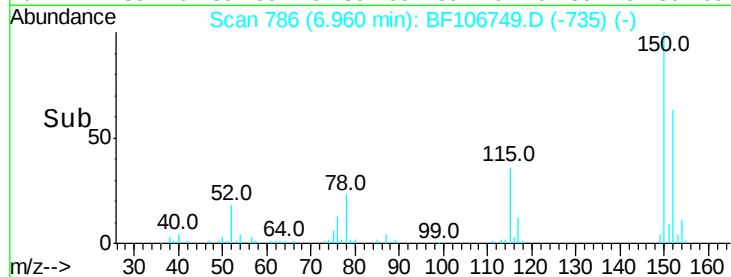
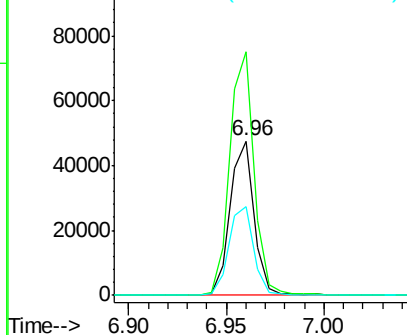
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Tot Ion:152 Resp: 40575
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 57.4 50.1 75.1



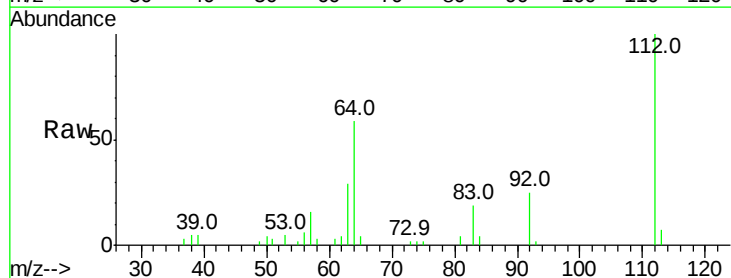
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



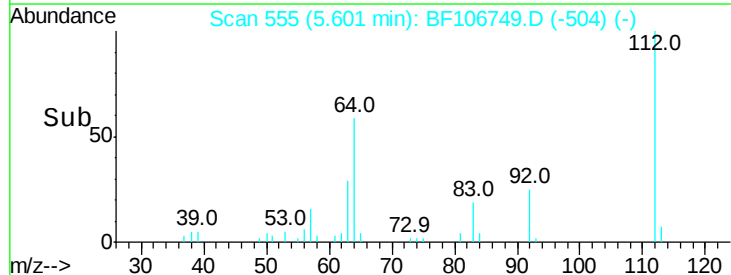
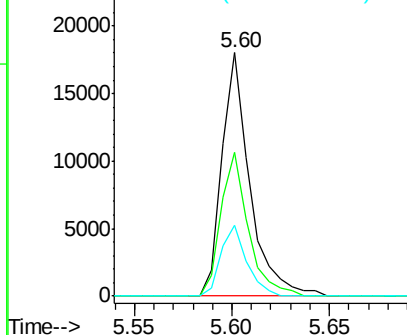
#5

2-Fluorophenol
 Concen: 7.443 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Tgt Ion:112 Resp: 17834
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.179 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

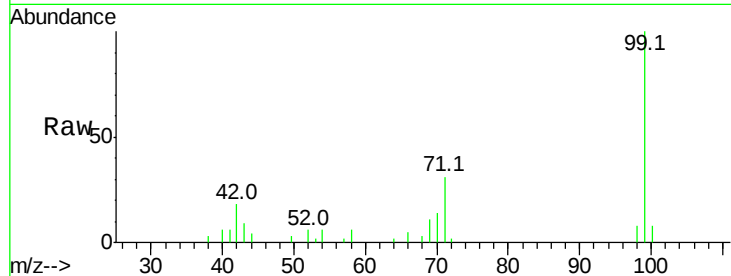
Tot Ion: 99 Resp: 21481

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

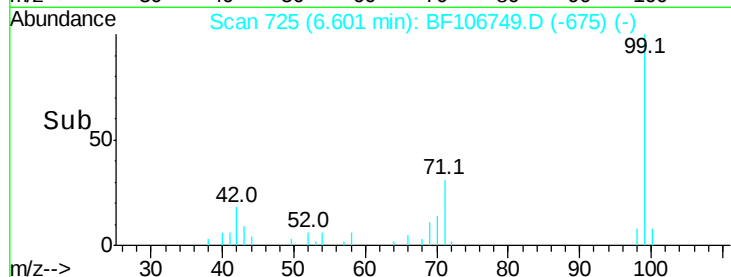
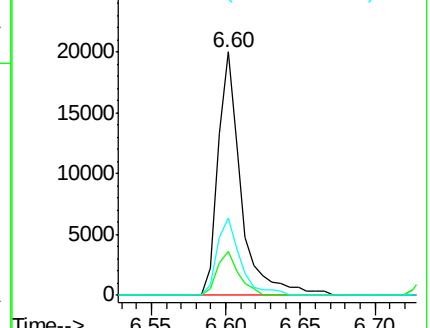
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Tgt Ion: 136 Resp: 142145

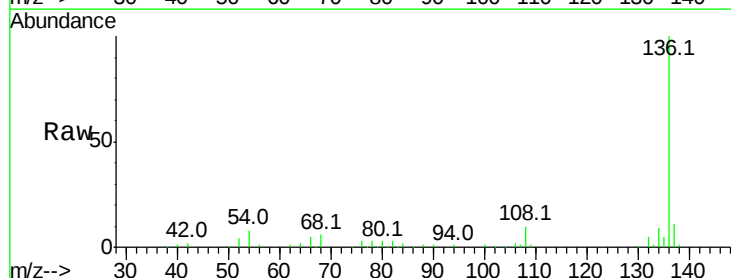
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

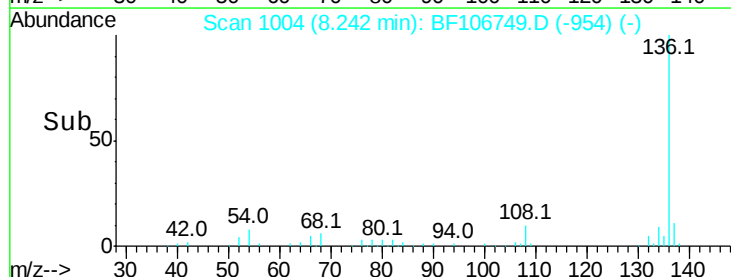
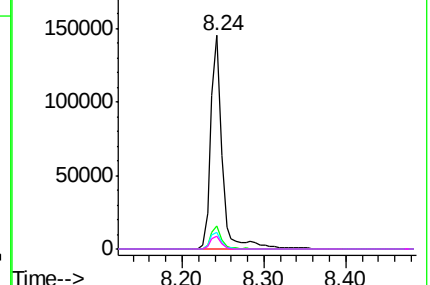


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

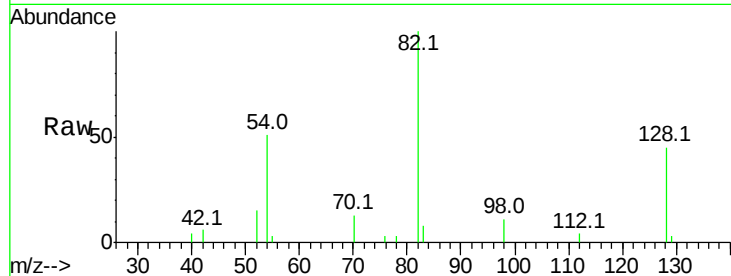




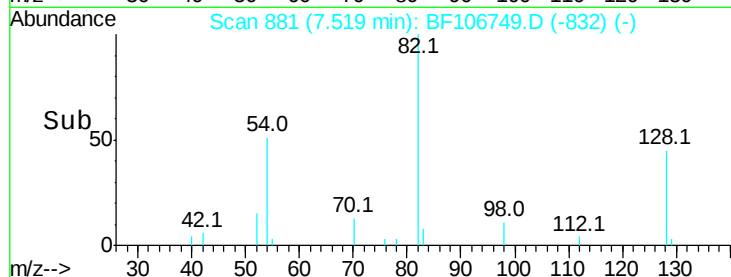
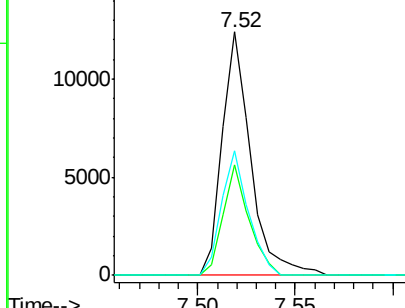
#23
Nitrobenzene-d5
Concen: 4.923 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-01

Tot Ion: 82 Resp: 12592
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 51.0 41.4 62.2

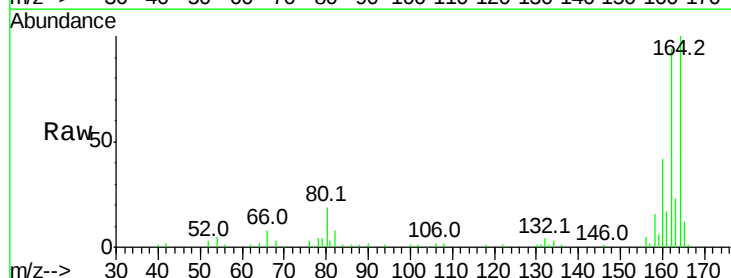


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

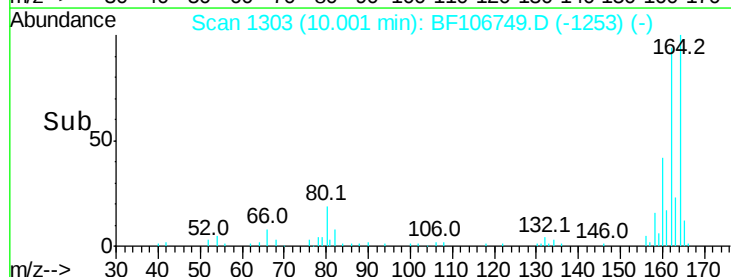
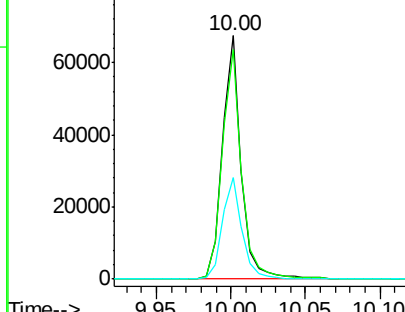


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Tgt Ion:164 Resp: 59938
Ion Ratio Lower Upper
164 100
162 94.4 86.1 129.1
160 41.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

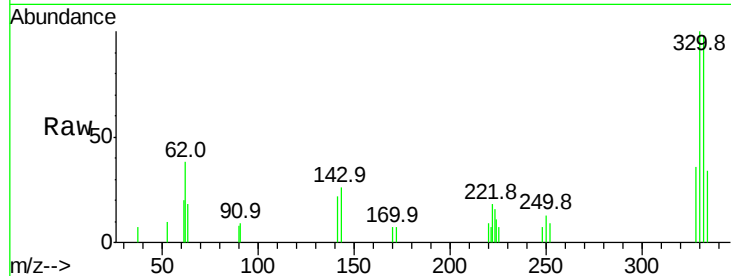




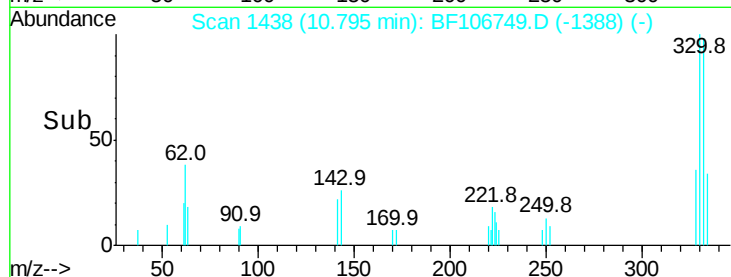
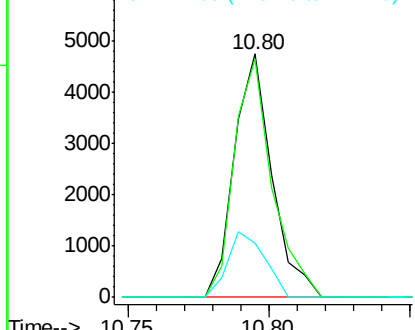
#41
 2,4,6-Tribromophenol
 Concen: 6.341 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	26.3	29.9	44.9#

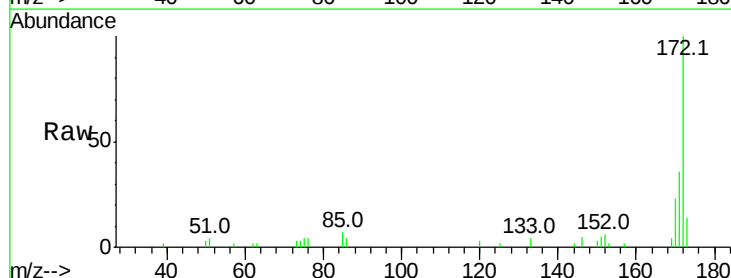


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

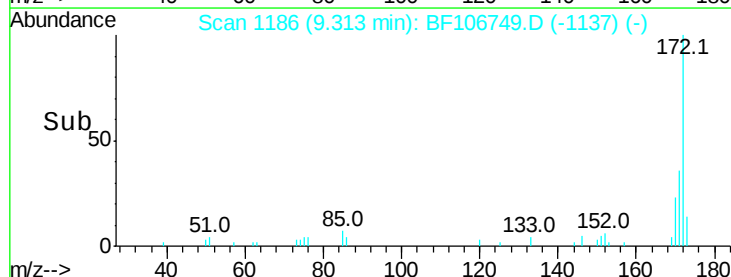
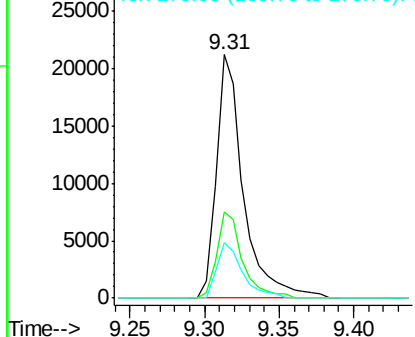


#44
 2-Fluorobiphenyl
 Concen: -8.689 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	22.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

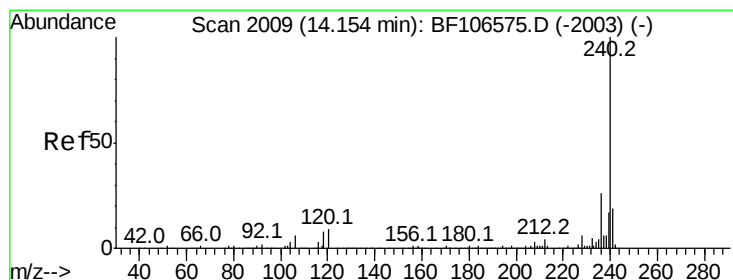
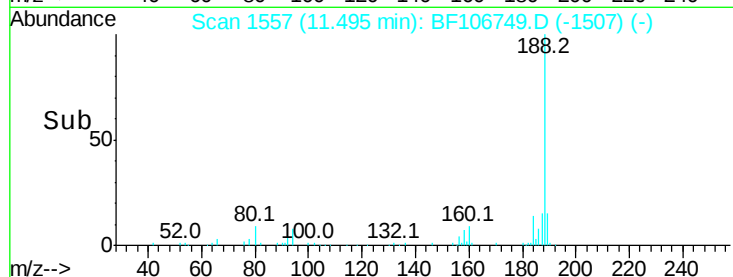
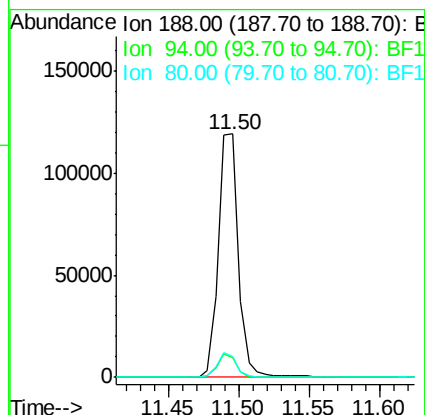
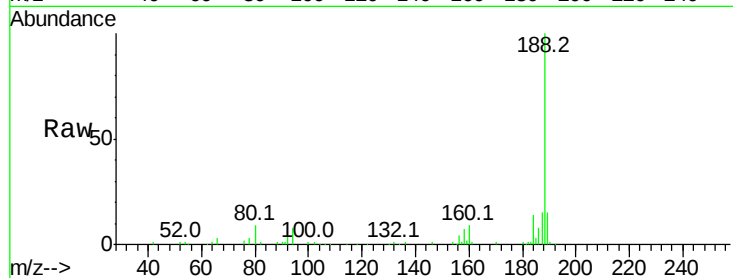




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

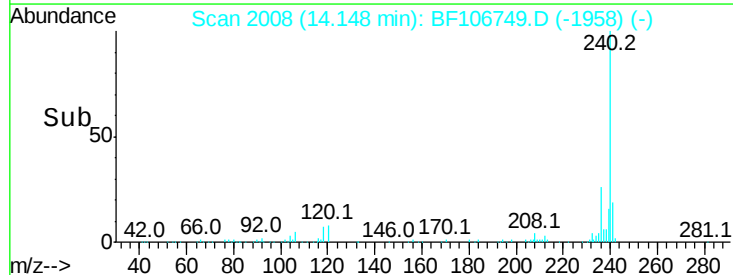
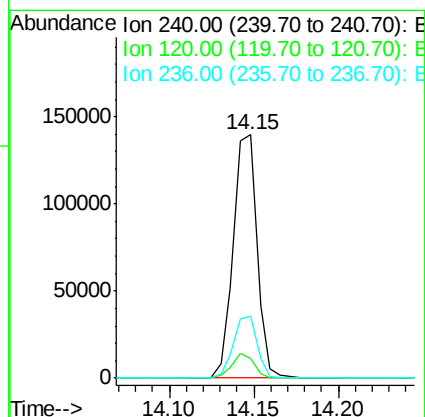
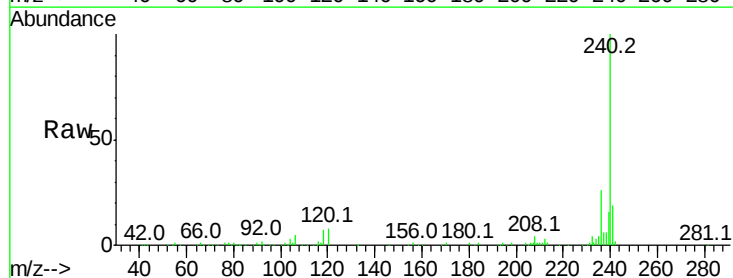
Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-01

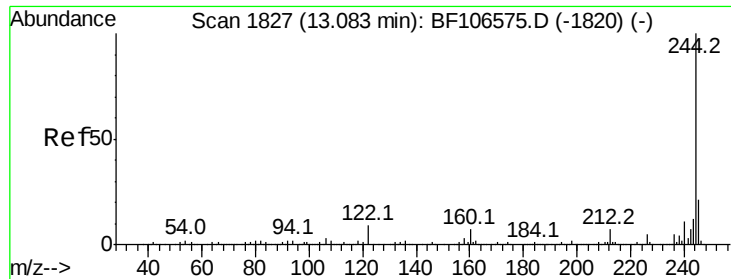
Tot Ion:188 Resp: 117911
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Tgt Ion:240 Resp: 136303
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 6.364 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

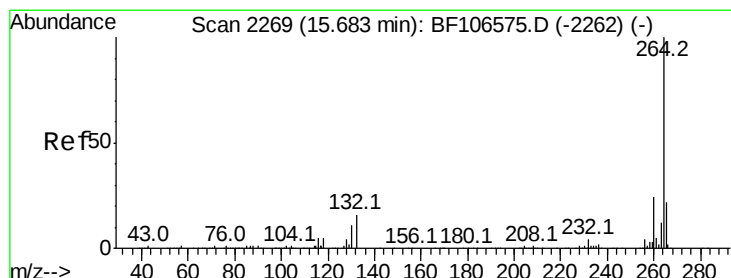
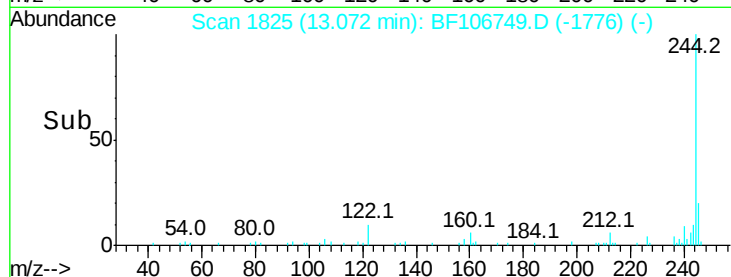
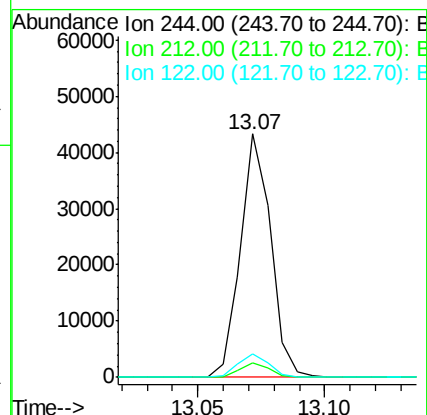
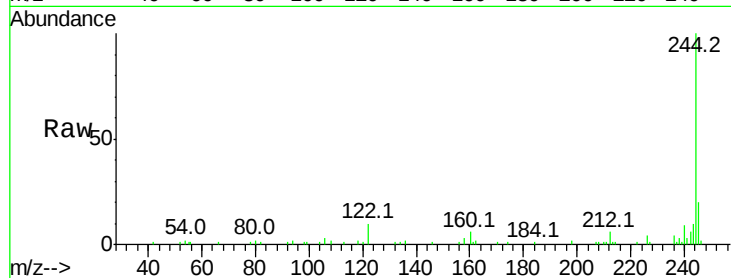
Tot Ion:244 Resp: 35811

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 9.7 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Tgt Ion:264 Resp: 98639

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 17.5 26.3

